



SUBSTITUTE SPECIFICATION

IMPACT ADDITIVE OF THE CORE/SHELL TYPE FOR THERMOPLASTIC POLYMERS

This application is a divisional application of US
5 Ser. No. 738,768, filed October 28, 1996 and resulting
in US Pat. No. 5,773,520.

BACKGROUND OF THE INVENTION

The invention relates to an impact additive
of the core/shell type as well as to a composition
10 containing a thermoplastic polymer, in particular a
vinyl chloride homopolymer or a copolymer mostly
containing vinyl chloride, an impact additive of the
core/shell type and optionally other additives.

Some synthetic resins, in particular resins
15 based on poly(vinyl chloride) or on a copolymer mostly
containing vinyl chloride, are widely used in the
building industry, in particular due to their low cost
and to their good physical and/or chemical properties.

Nevertheless, they exhibit low impact
20 strengths at ambient temperature or at low temperature
or again also after ageing.

It has been proposed to overcome these
defects by incorporating, in these thermoplastic
resins, products known as impact additives which are
25 generally polymers exhibiting a degree of elastomeric
properties.

A description is given in Patent US 3,678,133
of an impact additive of the core/shell type composed

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